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RAW SEQUENCE LISTING

DATE: 02/10/2003

PATENT APPLICATION: US/09/646,899

TIME: 14:35:42

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Output Set: N:\CRF4\02102003\I646899.raw

3 <110> APPLICANT: Shionogi & Co., Ltd.
 4 Maeda, Tomoko
 5 Ochi, Takahiro
 6 Suzuki, Ryuji
 8 <120> TITLE OF INVENTION: METHODS FOR ISOLATION OF OSTEOCLAST PRECURSOR CELLS AND
 INDUCING THEIR
 9 DIFFERENTIATION INTO OSTEOCLASTS
 11 <130> FILE REFERENCE: 197679US0PCT
 13 <140> CURRENT APPLICATION NUMBER: 09/646,899
 14 <141> CURRENT FILING DATE: 2000-10-10
 16 <150> PRIOR APPLICATION NUMBER: JAPAN 95962/1998
 17 <151> PRIOR FILING DATE: 1998-04-08
 19 <150> PRIOR APPLICATION NUMBER: JAPAN 170407/1998
 20 <151> PRIOR FILING DATE: 1998-06-18
 22 <160> NUMBER OF SEQ ID NOS: 2
 24 <170> SOFTWARE: PatentIn version 3.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 467
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo sapiens
 31 <220> FEATURE:
 32 <221> NAME/KEY: CDS
 33 <222> LOCATION: (28)..(309)
 34 <223> OTHER INFORMATION:

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 38 Met Met Gly Leu Ser Leu Ala Ser Ala
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 42 Val Leu Leu Ala Ser Leu Leu Ser Leu His Leu Gly Thr Ala Thr Arg
 43 10 15 20 25
 45 ggg agt gac ata tcc aag acc tgc tgc ttc caa tac agc cac aag ccc 150
 46 Gly Ser Asp Ile Ser Lys Thr Cys Cys Phe Gln Tyr Ser His Lys Pro
 47 30 35 40
 49 ctt ccc tgg acc tgg gtg cga agc tat gaa ttc acc agt aac agc tgc 198
 50 Leu Pro Trp Thr Trp Val Arg Ser Tyr Glu Phe Thr Ser Asn Ser Cys
 51 45 50 55
 53 tcc cag cgg gct gtg ata ttc act acc aaa aga ggc aag aaa gtc tgt 246
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 57 60 65 70
 59 acc cat cca agg aaa aaa tgg gtg caa aaa tac att tct tta ctg aaa 294
 60 Thr His Pro Arg Lys Lys Trp Val Gln Lys Tyr Ile Ser Leu Leu Lys
 61 75 80 85
 63 act ccg aaa caa ttg tgactcagct gaattgtcat ccgaggacgc ttggaccccg 349

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87 Cys Cys Phe Gln Tyr Ser His Lys Pro Leu Pro Trp Thr Trp Val Arg
88 35 40 45
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95 Thr Thr Lys Arg Gly Lys Lys Val Cys Thr His Pro Arg Lys Lys Trp
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99 Val Gln Lys Tyr Ile Ser Leu Leu Lys Thr Pro Lys Gln Leu
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105 ???

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/646,899

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